

EXTRA EXTRA!

- Hot Topics for Michigan Immunizations

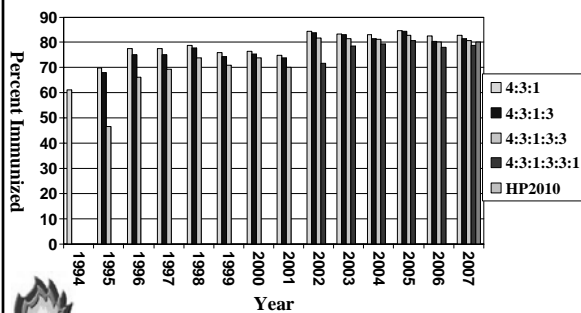


Hot Topics

- Michigan Immunization Coverage Levels
- Hib shortage update
- Polio schedules, New VIS
- New rota vaccine
- Vaccine supply issues
- Flu vaccine update
- Rabies vaccine update
- Mumps isolation update



NIS Data for Michigan



Hib Vaccine and the Shortage

- Hib shortage, Dec. 2007
- Merck recalls & ceases shipping its Hib vaccine (PRP-OMP) due to contamination
- MMWR recommends:
 - temporary deferral of the routine Hib vaccine booster dose administered at age 12 to 15 months
- The shortage is ongoing. Merck reports on 10/18/08 that Pedvax® hib is due back mid 2009.



Hib Vaccine and the Shortage

- Current Hib vaccines include:
 - PedvaxHIB® Merck product, very limited
 - ActHIB® Sanofi product, on allocation
 - Pentacel® Sanofi product, newly added to VFC
- CDC is allocating Hib vaccine to all state Vaccines For Children (VFC) programs
- States were told by CDC in August our Hib allocation would be ActHib® and the new Pentacel® combination Hib containing vaccine



Hib Vaccine and the Shortage

- Michigan VFC allocation of Hib vaccine contains ActHib® and Pentacel®
- An increase in our VFC allocation was approved
- It is placed at McKesson for shipment to our providers
- Providers were urged to move to Pentacel® to help decrease the need for an ActHib® doses.



Hib Vaccine and the Shortage

- Make sure that children receive three doses of the primary series, defer the booster dose
 - “Updated Interim Hib Schedule” posted at www.michigan.gov/immunize
- If VFC supply is not sufficient to cover the primary series, contact your local health department (LHD)
- If private supply is not sufficient, contact Sanofi



Hib Vaccine Shortage and MCIR

- MCIR still assesses for the full series
- Continues to assess for high-risk children
- Remember: if you have any short-dated Hib vaccine, you should use it on any child, rather than letting it go to waste
- Be ready to do recalls, when the shortage is lifted

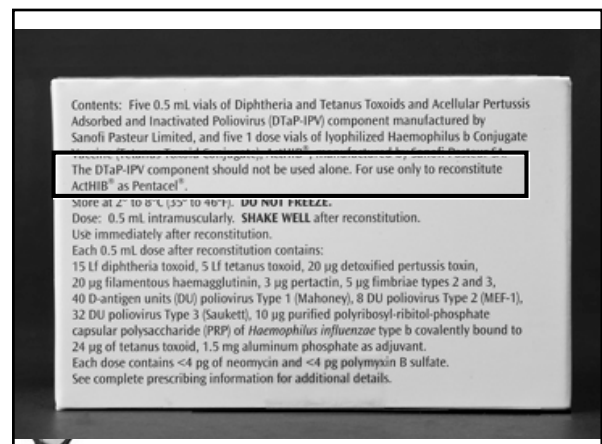


Hib Vaccine Shortage

- Other points to remember:
 - The only diluent that can be used for Pentacel® is the diluent in the box.
 - MMWR article on Pentacel®
 - Record the lot number on the Act-Hib® vial in the MCIR system
 - Keep vaccines in their boxes



DTaP/IPV/Hib Must be used together Do not separate these vials



Polio

- Michigan school rules for 4-6 years of age require 4 doses, 3 doses if dose 3 was given at or after age 4 years of age
- Michigan school rules for 7-18 years of age require 3 doses of polio vaccine.
- Follow the recommended schedule for polio vaccine-2 months, 4 months, 6-18 months, 4-6 years of age



Combined Tdap/Td VIS Now Available

- www.michigan.gov/immunize
(Under Educational Materials and Brochures)
- Dated 11/18/08
- Use for both Tdap and Td vaccines
- Replaces the Tdap VIS dated 7/12/06 and the Td VIS dated 6/10/94



Rotavirus Vaccine

- Rotarix® packaged with two boxes, one large outer box, and one smaller inside box that contains the vaccine
- Documentation of the lot #, expiration date and NDC code from the inner small box that contains the vaccine
- MCIR will not upload this vaccine into the VFC VIM, must be done manually



Rotarix®



Each package of ROTARIX contains (1)

- 10 vials of lyophilized vaccine
- 10 oral applicators prefilled with diluent
- A turbid liquid with a slow setting white deposit
- 10 transfer adapters

← Only vials require refrigeration

Document Lot number on vial on Vaccine Administration Record. Please use the NDC code, Lot # and expiration date from this small inside box that contains the vials of vaccine, when adding this to your VIM.



VFC Flu Vaccine Update

- VFC had 3,023 doses of flu vaccine wasted in 2007-08.
- The cost of the 3,023 flu vaccine doses that expired was \$38,482.79
- With expanded recommendations for 6 months through 18 years, there should be no doses wasted in 2008-09



VFC Flu Vaccine Update

- VFC flu vaccine is allocated per state by CDC
- Manufacturers contact CDC with amount of vaccine sent to McKesson
- CDC determines allocation based on amount of available doses received and number of doses requested by states



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VFC Flu Vaccine Update

- CDC notified state of allocation of doses that could be ordered
- MDCH VFC took this allocation and determines percentages of total number of doses pre-booked and amount allocated and applied this percentage to each provider order
- Process repeated until all doses were distributed to providers



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VFC Flu Vaccine Update

- Big changes for VFC flu vaccine delivery this year
 - As flu vaccine arrived at McKesson from the manufacturers, Michigan was notified and orders were placed
 - All vaccine is being distributed by McKesson
 - VFC flu vaccine is being shipped separately from other vaccine shipments
 - Even if providers are not using the new VIM, vaccine will be distributed by McKesson



VFC Flu Vaccine Update

- Providers may receive several shipments of VFC flu vaccine this season
- Providers will receive vaccine that they have pre-booked
- Do not refuse vaccine package delivery
- *If you have questions about your flu vaccine delivery, contact your local health department*



VFC Flu Vaccine Update

- MDCH VFC ordered flu vaccine from Sanofi and MedImmune this year
- Providers may receive:
 - FluMist® nasal spray
 - Fluzone®
 - 0.25 mL syringes
 - 0.5 mL single dose vials
 - 5.0 mL multi-dose vials



VFC Flu Vaccine Update

- MDCH VFC providers ordered flu vaccine from Sanofi and MedImmune this year
 - FluMist® nasal spray
 - 26,250 doses
 - Fluzone®
 - 78,570 doses 0.25 mL syringes
 - 160 doses 0.5 mL single dose vials
 - 140 doses 0.5 mL single dose syringes
 - 120,810 doses 5.0 mL multi-dose vials*
- Total of doses ordered and shipped 225,930*
- *(Includes 2000 extra MDVs from Ohio)



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VFC Flu Vaccine Update

- As of 10/18/08, orders that have been placed and transmitted to McKesson:
 - 100% FluMist® (LAIV)
 - 100% Fluzone® (TIV) multi-dose vials
 - 100% of 0.25mL prefilled syringes and 0.5mL single dose vials

As of 11/17/08,

- 100% of all VFC flu orders have been filled



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VFC Flu Vaccine Update

- VFC Flu vaccine will be uploaded into VIM inventory
- Will be in a separate box with a separate packing slip
- Should say "Michigan Dept of Community Health" in the from box on the packing slip, to help identify VFC vaccine



Vaccine Supply - Varicella

- In July 2008 Merck obtained FDA approval for resumption of manufacturing of their varicella vaccine virus bulk
- MMRV remains unavailable but may become available in 2009
- Zostavax® (zoster vaccine) is available for ordering, however, the manufacturer is experiencing shipping delays.



Hepatitis A Vaccine Supply

- GlaxoSmithKline's Havrix® hepatitis A Pediatric Vaccine, 10-pack single dose vial will be available beginning November 17, 2008
 - Merck's Pediatric/Adolescent formulation of hepatitis A vaccine, VAQTA®, available for ordering December for private, January for VFC
- Adult VAQTA not until 1st or 2nd QTR 2009



Rabies Vaccine Shortage

- October 7, 2008
 - Novartis sent letter to providers that RabAvert® would be available for post-exposure prophylaxis
 - Imovax® (sanofi-pasteur) is only available for post-exposure prophylaxis on a case-by-case basis with a password requirement
 - Follow current ACIP recommendations for rabies-consult with local public health



Mumps Isolation Update

- CDC published "Updated Recommendations for Isolation of Persons with Mumps" in the October 10 issue of MMWR
- Evidence reviewed suggested that isolation of mumps virus is highest before or around the time of onset of parotitis
- The risk of mumps transmission is considered to be low after 5 days; most transmission likely occurs before symptom onset or within the subsequent 5 days



Stay tuned for more updates

- Know your local health department
- Check out www.michigan.gov/immunize
- Check out www.cdc.gov/vaccines
- Make sure that you're subscribed to MMWR - www.cdc.gov/mmwr
- Sign up for email updates from CDC

